



2

VEREENIGDE NEDERLANDISCHE
SCHEEPVAART MAATSCHAPPIJ

PROPOSED T.S.M.V.

GENERAL ARRANGEMENT.

M.V. "BLOEMFONTEIN"

GEN. BOX NO 1290



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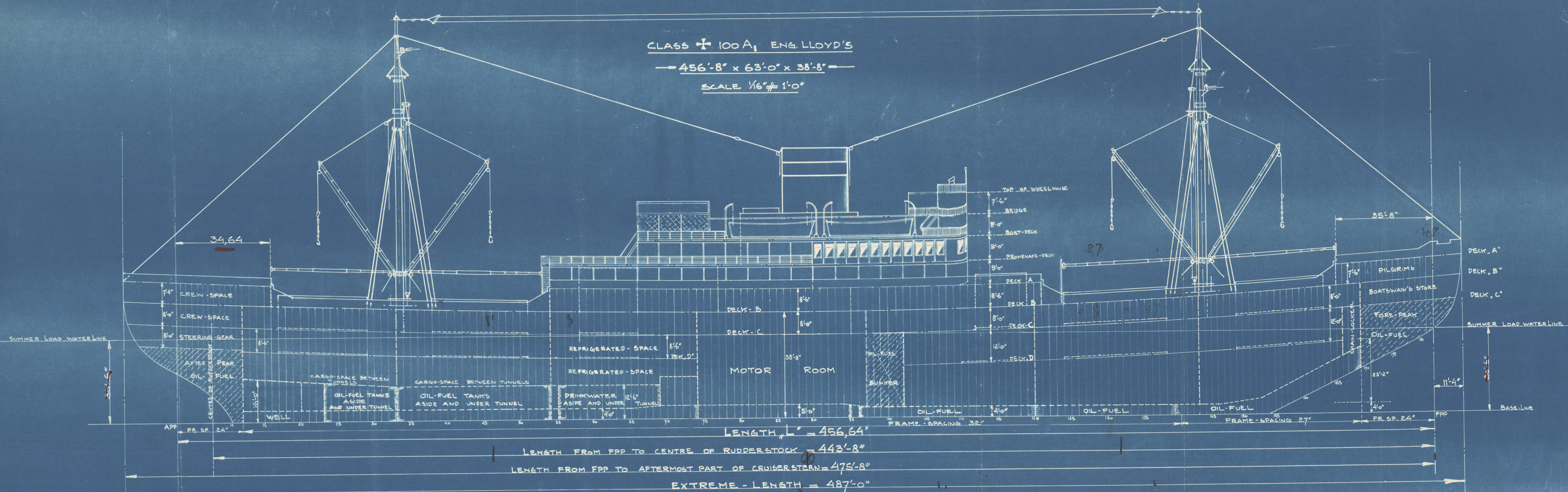
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002577-002582-0006

CLASS \times 100 A₁ ENG. LLOYD'S

— 456'-8" x 63'-0" x 38'-8" —

SCALE 1/16" = 1'-0"



VER. NED. SCHEEPVAART MAATSCHAPPIJ

TWIN SCREW MOTOR VESSEL

PRINCIPAL
DIMENSIONS.

DATUM 1917

GEZIEN 1917

ONTW. NO 117

TEEK. NO

002577-002582-0006

~~GEN. BOX N^o 72~~

23

NEDERL. SCHEEPSBOUW MY

228/29

AMENDED PLAN OF DECKS.

M. V. "BLOEMFONTEIN"



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002577-002582-0002

4	27.9.33
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DATUM

LETTER

PARADE

SCHAAL 1:192

No 1006.

VEREENIGDE NEDERLANDSCHE
SCHEEDVAART MAATSCHAPPY

PROPOSED T.S.M.V.

FRAMING PLAN.

M.V. "BLOEMFONTEIN"

GEN. BOX NO 1290



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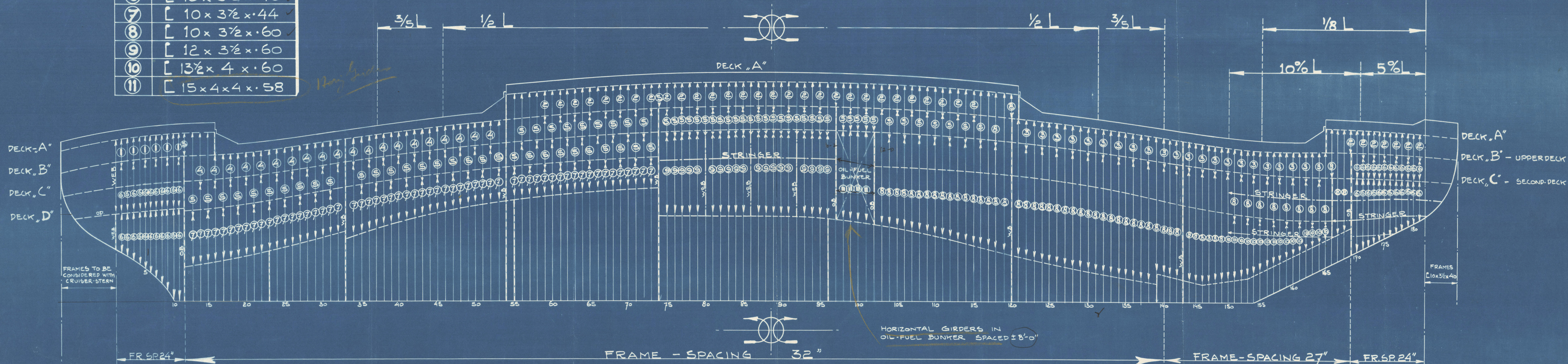
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MARK	SCANTLINGS OF FRAMES BASED ON 1924 STANDARDS
①	4 4½ x 3½ x .34 ✓
②	4 5 x 3½ x .36 ✓
③	7 x 3½ x .40 ✓
④	9 x 3½ x .44 ✓
⑤	9 x 3½ x .50 ✓
⑥	10 x 3½ x .40 ✓
⑦	10 x 3½ x .44 ✓
⑧	10 x 3½ x .60 ✓
⑨	12 x 3½ x .60 ✓
⑩	13½ x 4 x .60 ✓
⑪	15 x 4 x 4 x .58 ✓

CLASS \times 100 A, ENG. LLOYD'S

— 456'-8" x 63'-0" x 38'-8" —

SCALE: 1/16" = 1'-0"



PANTING ARRANGEMENTS AS PER RULE

PLAN TO BE SUBMITTED.

APPROVED BY LLOYD'S REGISTER

002577-002582-0001

VER. NED. SCHEEPVAART MAATSCHAPPIJ

TWIN SCREW-MOTORVESSEL

PROVISIONAL
PLAN OF FRAMING

DATUM: MEI '33 ONTW. N° 117

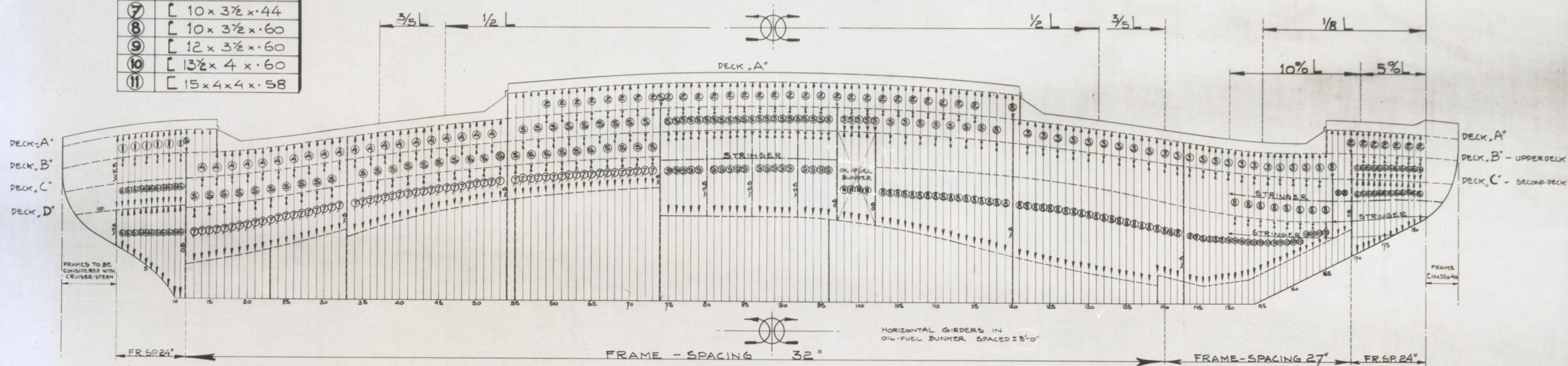
GEZIEN: TEUK. N° 5

MARK	SCANTLING OF FRAMES BASED ON 1924 STANDARDS
①	4 1/2 x 3 1/2 x 34
②	4 5 x 3 1/2 x 36
③	7 x 3 1/2 x 40
④	9 x 3 1/2 x 44
⑤	9 x 3 1/2 x 50
⑥	10 x 3 1/2 x 40
⑦	10 x 3 1/2 x 44
⑧	10 x 3 1/2 x 60
⑨	12 x 3 1/2 x 60
⑩	13 1/2 x 4 x 60
⑪	15 x 4 x 58

CLASS ∇ 100 A, ENG. LLOYD'S

456'-8" x 63'-0" x 38'-8"

SCALE: 1/16" = 1'-0"



PANTING ARRANGEMENTS AS PER RULE
PLAN TO BE SUBMITTED

APPROVED BY LLOYD'S REGISTER

VERNERSCHIEPVAARTMAATSCHAP	
TWIN SCREW MOTORVESSEL	
PROVISIONAL	
PLAN OF FRAMING	
DATUM: ME/33	ONTW. N° 117
GEZIEN:	TEEK N° 5



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①

GEN. BOX NO

~~1290~~

~~70~~

M. V. "BLOEMFONTEIN"

Nederlandsche Scheepvaart

Maatschappij

228-229

Midship Section

Latent

CLASS + 100A, ENG. LLOYD'S.

— SCALE: $\frac{1}{2}" \# 1'-0"$ —

— PRINCIPAL - DIMENSIONS —

SCANTLING-NUMERALS

DEPTH, $D' = 38,67$
 LENGTH, $L' = 0,96 \times 475,67 = 456,64$
 FIRST LONGITUDINAL - NUMERAL
 $L \times D = 456,64 \times 38,67 = 17558,27$
 SECOND LONGITUDINAL - NUMERAL
 $L (B+D) = 456,64 (53,00 + 38,67) = 46426,59$
 PROPORTION $\frac{1}{b} = \frac{456,64}{38,67} = 11,81$
 PROPORTION $\frac{1}{d} = \frac{456,64}{47,167} = 9,7$

STEM - $11 \times 2\frac{7}{8}$ "
STERN-FRAME AND
BALANCED-RUDDER WILL
BE SUBMITTED

FOR SIDE-FRAMES SEE
PLAN OF FRAMING

OIL-FUEL BUNKER AND
DOUBLE-BOTTOM AFT WILL BE SUBMITTED

ALL SCANTLINGS ARE NEW-BRITISH STANDARD
BASED ON 1924-STANDARDS.

— FORECASTLE —

STRINGER-PLATE 65x.80 (X/L) (4x.44 AT ENDS) AT BREAK 125"
DECKPL WITHIN LINE OF DECK-OPENINGS .44(X/L) (.36 AT ENDS)
DECKPL ABREAST DECK-OPENINGS .75 (X/L) (.36 AT ENDS)
STRINGER-ANGLE 6 X 5 X .80
B'-DECK-PLATING IN WAY OF LONG-BRIDGE
STRINGER-PLATE 51 x 4.5
DECKPL WITHIN LINE OF DECK-OPENINGS .35
DECKPL ABREAST DECK-OPENINGS .41
STRINGER-ANGLE 3 1/2 x 3 x .45
B"-DECK BEAMS

STRINGER-PLATE 51x46 (76L) (39x36 AT ENDS)
DECK: WITHIN LINE OF DECK-OPENINGS -35 (76L) (.36 AT ENDS)
DECK: ABOARD DECK-OPENINGS -41 (76L) (.32 AT ENDS)
STRINGER-ANGLE 38x32 x 45 (76L) (.36 AT ENDS)
C-DECK-PLATING IN WAY OF LONG-RIDGE
STRINGER-PLATE 51x 39
DECK: WITHIN LINE OF DECK-OPENINGS -32
DECK: ABOARD DECK-OPENINGS -35
STRINGER-ANGLE 38x 32 x 45

— D^v-DECK-PLATING —

STRINGER PLATE 51/4 X 34 (4L) (39 X 34 AT ENDS)
DECKPL WITHIN LINE OF DECK-OPENINGS .30 (4L) (.30 AT ENDS)
DECKPL ABREAST DECK-OPENINGS .30 (4L) (.30 AT ENDS)
STRINGER-ANGLE 4 3/8 X 3 1/2 X 45 (3,36)
D. DECK - BEAMS
BEAMS FOR FR. 12-14 NBS 6 X 3 1/2 X 54 (KNEES .50)
BEAMS FOR FR. 102-140 NBS 11 X 3 1/2 X 44 (KNEES .50)
BEAMS FORWARD OF FR. 140 NBS 10 X 3 1/2 X 46 (KNEES .50)
11 BEAMS ON EVERY FRAME

DOUBLE-BOTTOM ANGLE-BARS		O.S.L.	AT	MOTOR
		EXP.	EXP.	W.
BASE GIRDER - PLATE WEL.		0.5 X .5	.65	.55
CENT. GIRDER - INNER BOTTOM		1.5 X 3.5 X .86	.82	.56
VERT. ANGLE ON CENT. GIRDER		3.5 X 3 X .48	.48	.48
EDGE GIRDER - PLATE WEL.		0.5 X .5	.65	.55
EDGE GIRDER - INNER BOTTOM		1.5 X 3.5 X .86	.82	.56
EDGE GIRDER - PLATE WEL.		0.5 X .5	.65	.55
EDGE GIRDER - BRACKET FLOOR		3.5 X 3 X .48	.48	.48
MARGIN PLATE - FLOOR PLATING		3.5 X 3 X .48	.48	.48
MARGIN PLATE - FLOOR PLATING		3.5 X 3 X .48	.48	.48
MARGIN PLATE - FLOOR OR BRACKET		3.5 X 3 X .48	.48	.48
MARGIN PLATE - TANGS BRACKET		0.5 X .5	.65	.55
FRAMES - BRACKET FLOOR		1.5 X 3.5 X .86	.82	.56
FRAMES - BRACKET FLOOR		1.5 X 3.5 X .86	.82	.56
FRAMES - BRACKET FLOOR		1.5 X 3.5 X .86	.82	.56
FRAMES - FLOOR FROM O.S.L.		0.5 X .5	.65	.55

DOUBLE - BOTTOM - PLATING		
	OSL	AT ENDS
CENTRE GIRDER	48x41	.48
MARGIN-PLATE	41x36	.46
FLOOR-PLATES	.44	.44
SIDE - GIRDERS	.44	.44
BRACKETS-INSIDE TANK	.44	.44
MIDDLE- LINE - STRAKE	56x55	.46
INNER-BOTTOM-PLATING	.47	.42
TANK-SIDE - BRACKET	47x40	.42
OIL- OR WATERTIGHT-ROOF	.52	.52
TRANSVERSE-PLATING IN WAY OF WATER DULHEADS; MARGIN-PLATES AND MIDDLE- STRAKE BE MADE CONTINUOUS		

BRACKET-FLOOR —

STRENGTHENING OF BOTTOM
FORWARD AS PER RULE

VER. NED. SCHEEPVAART MAATSCHAPPIJ
TWIN SCREW MOTORVESSEL
MIDSHIP-SECTION
DATUM: MEI 1933 ONTW. N° 117
GEZIEN: TEUK N° 4

Refrigerating Space
Longitudinal Section with details
Messrs Ned Scheepb M⁹ Jan 11 = 220/229

GEN. BOX NO

70

228



M.V. "BLOEMFONTEIN"

R.M.C. 50393.

M.V. "Jagersfontein"

RECORDS DEPT.,
LONDON.

Arch. 50392

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WUZIQUAN	LETTER	DATUM	PARAAR

ALLE BOUTEN VOOR GRONDHOUD AAN SPANTEN-BALKEN:
STIJLEN-KNIJEN-GARDERS, EN KLOSSEN OF MERKELEN COMINGS
AANTALLEN EN DIKTE ALS AETSEKEND. NIET TE GALV. MAAR
TE BEHANDELEN MET LOODWITPAP
3/8" BOUTEN VOOR VERBINDING VLEESCHHOEKJE AAN GROND-
HOUT TE GALV.
3/4" TREKBOUEN IN DEUREN EN FLIJZEN NIET TE GALV. MAAR
TE BEHANDELEN MET LOODWITPAP
SCHROEVEN, DRAADNAGELS-EN-FRETBOUEN VOOR BEVESTIGING
VAN BESCHUITING OF GRONDH., LATTEN TEGEN WANDEN ENZ.
TE GALV.

BESCHERMING OP MERKELS EN COATING VAN 2^{de} GALV.
PLAAT, MET GALV. HOUTSCHROEVEN TE BEVESTIGEN.

TEEKENINGEN

[illegible][illegible]

GEN. BOX N^o 70

Refrigerating Spaces
~~Longitudinally~~
Horizontal Section with details

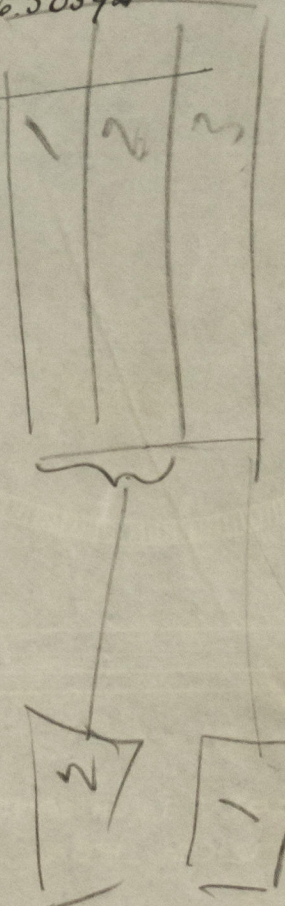
Messrs Ned Scheep M^y Jara N^o 228-229

★ M. V. "BLOEMFONTEIN"
R.M.C. 50393.

M.V. ~~Bl~~ "Jagersfontein"
R.M.C. 50392

RECORDS DEPT.,
LONDON.

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= GEEKXPANDEERDE KURKKORREL	
<u>TEEKENINGEN.</u>	
DWARSDOOREN. MET DETAILS	Nº 208
LANGSDOOREN. MET DETAILS	" 209
HORIZONTALE DOOREN. MET DETAILS	" 210
FANKAMERS MET DETAILS	" 211
LUIKHOOFDEN MET DETAILS	" 212

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STERN

Cast Steel Stern

M.V. "DLOEMFONTEIN"



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GEN. DOX NO

70

(13)

Nederl. Scheepsbouw M^t
228/229

M.V. "DLOEMFONTEIN"

Propeller-brackets.



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<u>WYZIENEN.</u>	<u>DATUM.</u>	<u>LETTER</u>	<u>PARA</u>
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<u>RESERVING</u> LLOYD'S	NEDERLANDSCHE SCHEEPSBOUWMAATSCHAPPIJ AMSTERDAM.	
	WERFNUMMER 228	M.S. GLOSTATONTEN M.S. JALERSONTEN
	<u>— ABBENDRAGER —</u> SCHAAL 1410.	
	OPGEZET EN BESTELD JAN 25 GEGALQUEERD 11-5-35	N ^o 404
GEZEIN CHEF VAN TEEKENIK.		STUKL. N ^o

MATERIAAL: LIETSTAAL ^{CAST STEEL WITH LLOYD'S CERTIFICATE} LLOYD'S CERTIFICAAT.

HOLES FOR 1/4" RIVETS TO DRILL
LATEN VOOR 1/4" NAGELS TE BOREN 20%

----- 7/8 ----- 23%

THESE RIV. HOLES NOP TO DRILL
DEZE NAGELATEN NIET IN TE BOREN!!

RIVET SPACING AS SHOWN ARE MAXIMUM VALUES
DE GELIEVEN NAGELSTEKEN ZIJN MAXIMUMAFSTANDEN.

DEZE ASENDRAALER ZUIVER PASSEND
EN OP TE STELLEN OP DE ACHTER STEVENSGES.
[TEAK N° 402]
DOORPLATEN MOET TE LEVEREN.
V V V AF TE WERKEN.

70 GEN. BCX № 07

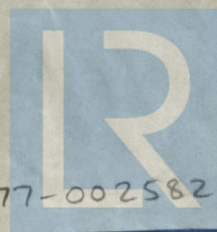
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NEDERLANDSCHE SCHEEPSBOUW
MAATSCHAPPY

228-229

RUDDERS.

M.V. "BLOEMFONTEIN"



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